

CLAIMS:

1. A method for measuring the metabolism of the pancreas, characterized in that the increase of  $^{13}\text{CO}_2$  in the exhaled air is determined before and after intravenous administration of secretin and before and after oral administration of a  $^{13}\text{C}$ -triglyceride.
2. The method according to claim 1, characterized in that said  $^{13}\text{C}$ -triglyceride is the mixed triglyceride glyceryl-1,3-dioctadecanoate-2-octanoate-1- $^{13}\text{C}$ .
3. The method according to claim 1 or 2, characterized in that the determination of  $^{13}\text{CO}_2$  is effected by IRMS or NDIR.
4. The method according to at least one of claims 1 to 3, characterized in that 1 U of secretin per kg of body weight is administered intravenously within about 15 to 30 minutes.
5. The method according to any of claims 1 to 4, characterized in that 200 mg of the mixed triglyceride is administered with a test meal.
6. A test kit containing:
  - a test meal of corn starch and cocoa powder;
  - a  $^{13}\text{C}$ -mixed triglyceride;
  - a sample container;
  - instructions for use.
7. A test meal according to claim 1, characterized in that said  $^{13}\text{C}$ -mixed triglyceride is glyceryl-1,3-dioctadecanoate-2-octanoate-1- $^{13}\text{C}$ .

*Replaced  
by Art 34*